TCSAMT31FP

tap-off box - 3 RFID station to Modbus or UNI-TELWAY - M12

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of product	OsiSense XG
Product or component type	Connection tap-off box
Device short name	TCS
Number of channels	3
Communication port protocol	Uni-Telway Modbus
Associated smart antenna	XGCS49 XGCS89
Electrical connection	1 female connector M12 5 pins network output (A coding) 1 male connector M12 4 pins power supply (A coding) 3 female connectors M12 5 pins stations XGCS (A coding) 1 male connector M12 5 pins (A coding)
[Us] rated supply voltage	24 V DC conforming to Protective Extra Low Voltage

Complementary

Supply voltage limits	19.2...29 V DC
Status LED	1 LED (green) supply on
Marking	CE
Product weight	2.34 lb(US) (1.06 kg)

Environment

Product certifications	UL
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Relative humidity	30...95 %
IP degree of protection	IP65
EMC filter	Class B EMC filter conforming to EN 55022 Level 3 EMC filter conforming to IEC 61000

Ordering and shipping details

Category	22490 - SENSORS-ULTRASONIC (XX5,6)
Discount Schedule	DS2
GTIN	00785901654759
Nbr. of units in pkg.	1
Package weight(Lbs)	1.9000000000000001
Returnability	N
Country of origin	FR

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Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0824 - Schneider Electric declaration of conformity [🔗]Schneider Electric declaration of conformity
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

Dimensions

Connection Boxes

(1) In
(1) Out

TCSAMT31FP
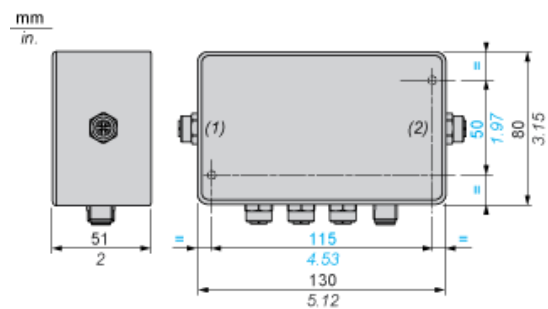
Wiring Diagram

Modbus Connections

Socket to Smart Antenna Cabling

Pin no.	Signal
1	Drain (Modbus-SHLD)
2	+ 24 VDC
3	0 V/Modbus-GND
4	D0
5	D1

Socket to Power Supply Cabling

Pin no.	Signal
1	+ 24 VDC
2	+ 24 VDC
3	0 VDC
4	0 VDC

Socket to Another Connection Box Cabling
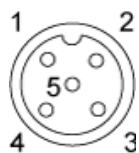
Pin no.	Signal
1	Drain (Modbus-SHLD)
2	-
3	0 V/Modbus-GND
4	D0
5	D1

Socket to Automation Platform Cabling
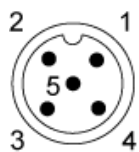
Pin no.	Signal
1	Drain (Modbus-SHLD)
2	-

Pin no.	Signal
3	0 V/Modbus-GND
4	D0
5	D1

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Authorized Distributor

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